EFFLUENT LIMITATIONS—Continued

Effluent characteristic	Maximum for any 1 day	Average of Daily values for 30 consecutive days shall not exceed
Zinc	0.0012	0.0003
pH	(1)	(1)

[1] Within the range of 6.0 to 9.0.

§ 421.53 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable:

(a) Subpart E—Casting Contact Cooling.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of copper cast	
Arsenic	.692	.309
Copper	.638	.304
Nickel	.274	.184

(b) Subpart E—Anode and Cathode Rinse.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of cathode copper production	
Arsenic	.000	.000
Copper	.000	.000
Nickel	.000	.000

(c) Subpart E—Spent Electrolyte.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of copper cathode production	
Arsenic	.068	.031
Copper	.063	.030
Nickel	.027	.018

(d) Subpart E—Casting Wet Air Pollution Control.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of casting production	
Arsenic	.000	.000
Copper	.000	.000
Nickel	.000	.000

(e) Subpart E—By-Product Recovery.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of product recovered from electrolytic slimes processing	
Arsenic	.000	.000
Copper	.000	.000
Nickel	.000	.000

[49 FR 8801, Mar. 8, 1984; 49 FR 26739, June 29, 1984, as amended at 49 FR 29795, July 24, 1984]

§ 421.54 Standards of performance for new sources.

Any new source subject to this subpart shall achieve the following new source performance standards:

(a) Subpart E—Casting Contact Cooling.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of copper cast	
Arsenic	.692	.309

NSPS—Continued

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
Copper	.638	.304
Nickel	.274	.184
Total suspended solids	7.470	5.976
pH	(1)	(1)

[1] Within the range of 7.5 to 10.0 at all times.

(b) Subpart E—Anode and Cathode Rinse.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of cathode copper production	
Arsenic	.000	.000
Copper	.000	.000
Nickel	.000	.000
Total suspended solids	.000	.000
pH	(1)	(1)

[1] Within the range of 7.5 to 10.0 at all times.

(c) Subpart E—Spent Electrolyte.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of copper cathode production	
Arsenic	.068	.031
Copper	.063	.030
Nickel	.027	.018
Total suspended solids	.735	.588
pH	(1)	(1)

[1] Within the range 7.5 to 10.0 at all times.

(d) Subpart E—Casting Wet Air Pollution Control.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of casting production	
Arsenic	.000	.000
Copper	.000	.000
Nickel	.000	.000
Total suspended solids	.000	.000
pH	(1)	(1)

[1] Within the range of 7.5 to 10.0 at all times.

(e) Subpart E—By-Product Recovery.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of product recovered from electrolytic slimes processing	
Arsenic	.000	.000
Copper	.000	.000
Nickel	.000	.000
Total suspended solids	.000	.000
pH	(1)	(1)

[1] Within the range of 7.5 to 10.0 at all times.

[49 FR 8801, Mar. 8, 1984, as amended at 49 FR 29795, July 24, 1984]

§ 421.55 [Reserved]

§ 421.56 Pretreatment standards for new sources.

Except as provided in 40 CFR 403.7, any new source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for new sources. The mass of wastewater pollutants in primary electrolytic copper refining process wastewater introduced into a POTW shall not exceed the following values:

(a) Subpart E—Casting Contact Cooling.

PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of copper cast	
Arsenic	.692	.309
Copper	.638	.304
Nickel	.274	.184

(b) Subpart E—Anode and Cathode Rinse.

PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of cathode copper production	
Arsenic	.000	.000
Copper	.000	.000
Nickel	.000	.000